

3M Canada Inc.

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Resources and supplies for electrical conductors and cable splicing, joining, termination and holding

■ 3M provides a full range of electrical supplies including: wire marker tape (epoxy non-smear film); wire marker dispensers; heat shrinkable products such as cable sleeves for installing and repairing electrical installations; vinyl plastic electrical tape (durable, all-weather use); linerless rubber splicing tape (excellent physical and electrical properties); quality terminals, connectors and cable ties.

Cable locators

Two models of locators to locate previously installed cable are available. The Dynatel 500 A/C Cable Locator accurately locates the path of all buried or underground and interior-run CATV cable — including PVC jacketed and continuously grounded armoured cable — without service interruptions, using any of three frequencies. Accurate cable depth measurements are made directly or by the 45° triangulation method. The Dynatel 573A/P Earth Return Fault and Cable Locator accurately locates the path and depth of all buried or underground and interior-run power cable — including lead sheath, armoured and unjacketed cable using any of three switch-selectable frequencies. The set pinpoints damage in cables including pinhole faults closely spaced along a cable section.

"Stormscope" weather mapping system

The 3M "Stormscope" WX-120 is an accurate, advance warning system that maps approaching thunder storms within a 352 km (220 m.) radius. Easy to install and use, the WX-120 receives electromagnetic radio frequency signals and plots them in the form of dots on a CRT. Thunderstorms are indicated by clusters of dots that reveal the severity of the storm. The system is both an excellent alternative and a valuable complement to radar because, locating electrical discharges rather than precipitation, it provides information that radar cannot. The WX-120 provides real-time information, is not dependent on outside power or telephone lines and is compact, portable and easy to read. An inbuilt alarm warns the operator when the rate of incoming data reaches a pre-set point. The unit also has an alarm relay for remote alarm or equipment shutdown systems.

Company Profile

3M Canada Inc. has production facilities in London, Perth and Toronto, Ontario, and in Morden, Manitoba. The company conducts on-going research in many areas. It has a large volume of foreign business, especially to 3M subsidiaries.



The 3M "Stormscope" WX-120

Trecan Combustion Limited

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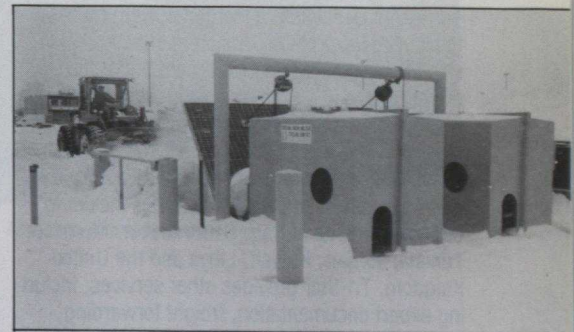
P. Miller, General Manager
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Snow melting equipment

■ Whenever snow disposal by the usual trucking methods is either impractical or too costly, a Trecan Combustion Limited snow melter is a proven, efficient and simple solution. The equipment consists of a melting pit (or tank) built near the air terminal ramp into which snow is plowed continuously. The unique Trecan burner heats and agitates water in the snow melter pit. This hot water comes into contact with the snow that has been plowed into the pit and the resultant melted snow is emptied into the storm water drains. The unit shown is a stationary model; portable and mobile models are also available. At several of the world's busiest airports, such as those administered by the Port Authority of New York and New Jersey, Trecan snow melters are used in the ramp area in order to eliminate snow removal truck congestion and to maintain a bare pavement condition at all times.

Company Profile

Trecan Combustion Limited has been involved in the combustion/incineration systems business for 25 years. Its main product for the aviation industry is fired snow melting systems for airport aprons and parking garages. In its 25 years, Trecan has supplied over 100 snow melters to major airports in the Northern United States and in Canada. The first unit installed by Trecan, almost 25 years ago, is still operational. Trecan service and parts offices in the United States are located in Boston, Massachusetts; Buffalo, New York; and Chicago, Illinois.



Snow melting equipment